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P R 301504Z

TO AFSSO USAFE
INFO NPIC

ZEM

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CITE DIAAP-3A7 SAO 477 JULY 70.

AFSSO USAFE PASS TO EEIC; [REDACTED] FOR TCO.

SUBJECT: IDENTIFICATION OF FANSONG F IN SYRIA AND EGYPT.
REFERENCE EEIC MSG DTG 241600Z, SUBJECT AS ABOVE.
NPIC HAS CONFIRMED FANSONG F MODEL AT HOMS SAM SITE
A35-2 AND MATRUH SAM SITE A12-2. FOR UR INFO, IN ADDITION
TO F MODEL IN SOUTHEAST ASIA, TWO FANSONG F SETS HAVE
BEEN LOCATED WITHIN USSR: KORDON SAM TRAINING FACILITY
AND MARSHALLING AREA AT KYMTR. LATEST INTELLIGENCE
ESTIMATE FOR FANSONG F MODEL IS AS FOLLOWS: (A) CURRENTLY
THERE ARE 25 CONFIRMED FANSONG F RADARS DEPLOYED IN NORTH
VIETNAM (NVN) OUT OF A TOTAL OF 37 CONFIRMED AND 1 SUSPECT
FANSONG. EXTENSIVE ANALYSES OF FANSONG SIGNALS FROM NVN
HAS FAILED TO REVEAL ANY UNUSUAL ELECTRONIC CHARACTER-
ISTICS. THE FANSONG F IS ESTIMATED TO HAVE ESSENTIALLY
THE SAME ELECTRONIC CAPABILITIES AS THE FANSONG B.
(B) THE BOX-LIKE STRUCTURE OF THE FANSONG F HAS BEEN
ASSESSED TO CONTAIN THE SOVIET MODEL TZK COMMANDER'S
OBSERVATION TELESCOPE. THE TZK OBSERVATION TELESCOPE
IS STANDARD EQUIPMENT FOR SOVIET AAA UNITS AND IS EXTEN-
SIVELY USED IN NVN. THE USE OF THIS OPTICAL TARGET
TRACKER IN THE SA-2 SYSTEM COULD REDUCE THE EFFECTIVENESS
OF ELECTRONIC COUNTERMEASURES AND DEGRADE RHAW AND SAM
SUPPRESSION ACTIVITIES.

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--END OF MESSAGE-- GP-1

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